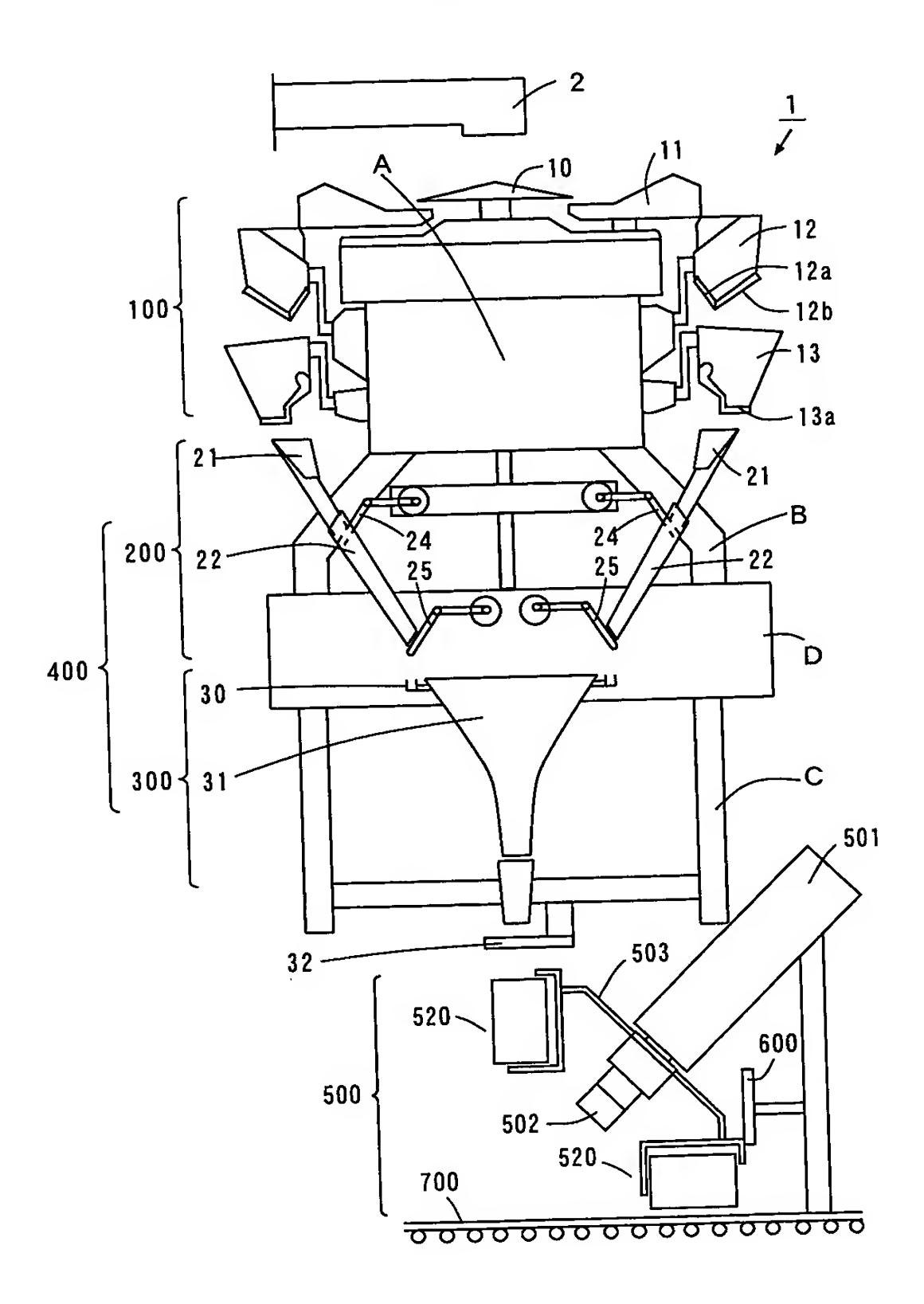
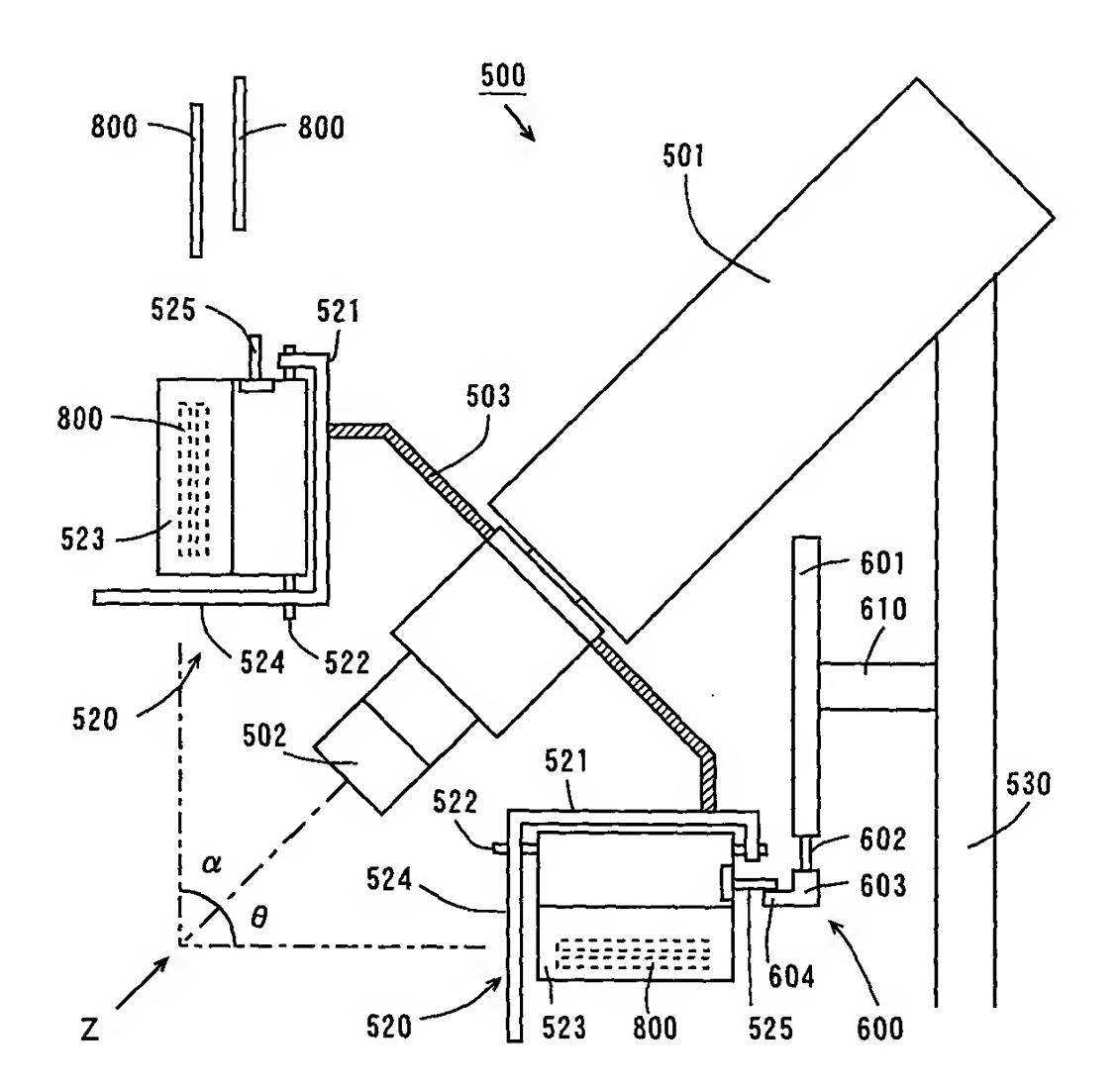
DIRECTION CHANGING APPARATUS FOR STICKS INVENTORS: Tadashi TAKIGAWA, et al.

F I G. 1



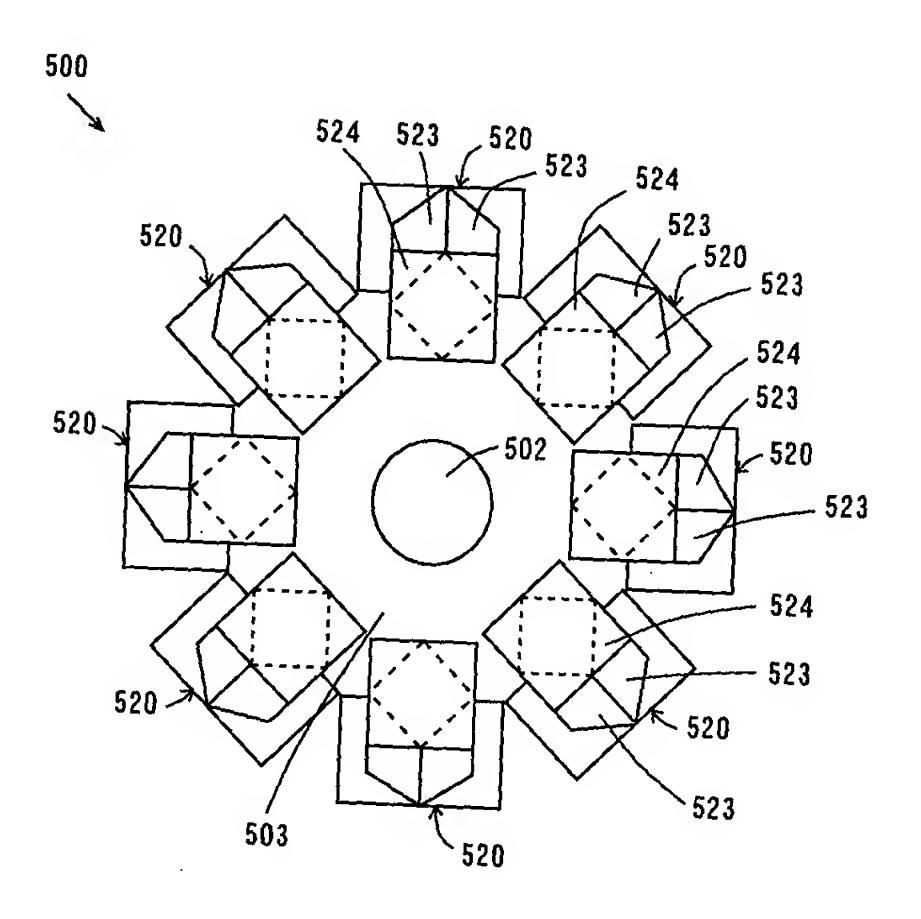
DIRECTION CHANGING APPARATUS FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.
SERIAL NO.:
DOCKET NO.: 1745.1001

F 1 G. 2



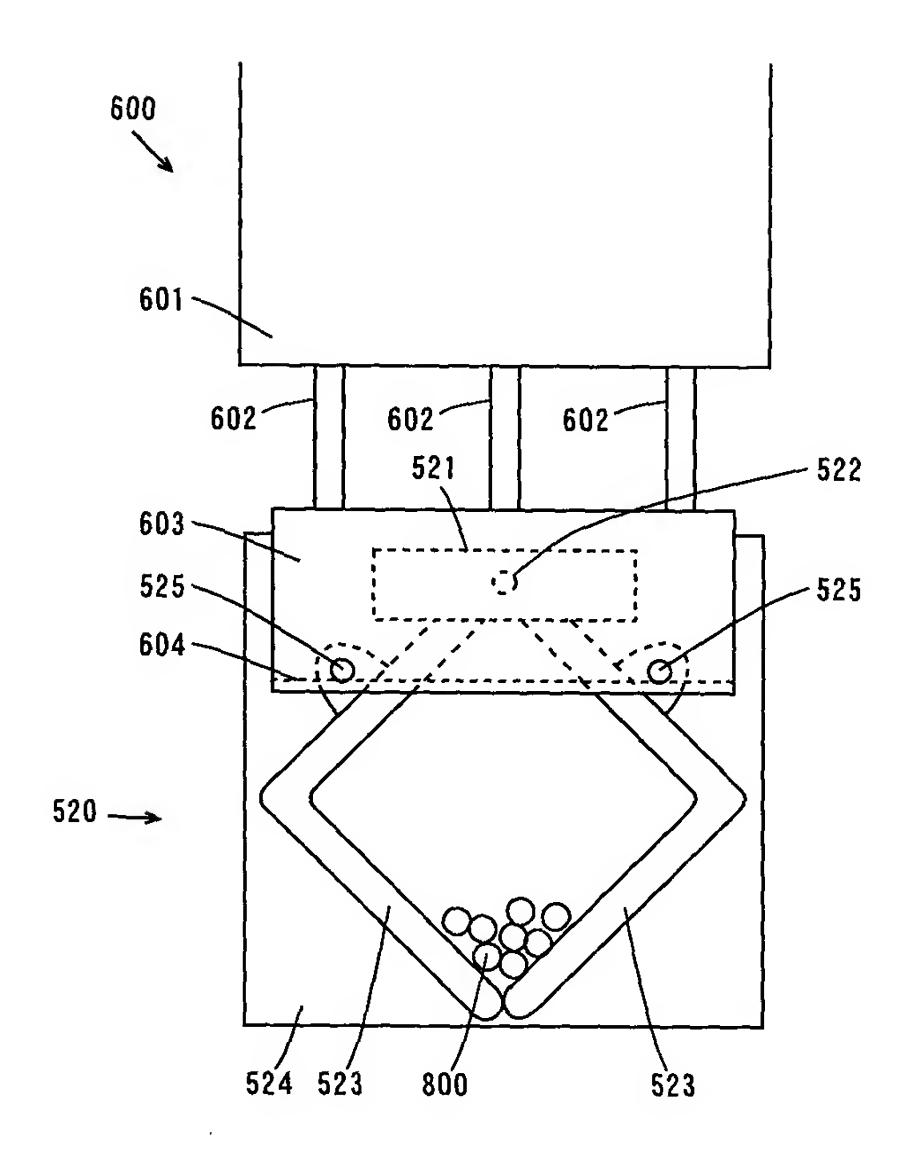
DIRECTION CHANGING APPARATUS
FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.
SERIAL NO.:
DOCKET NO.: 1745.1001

F | G. 3



DIRECTION CHANGING APPARATUS
FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.

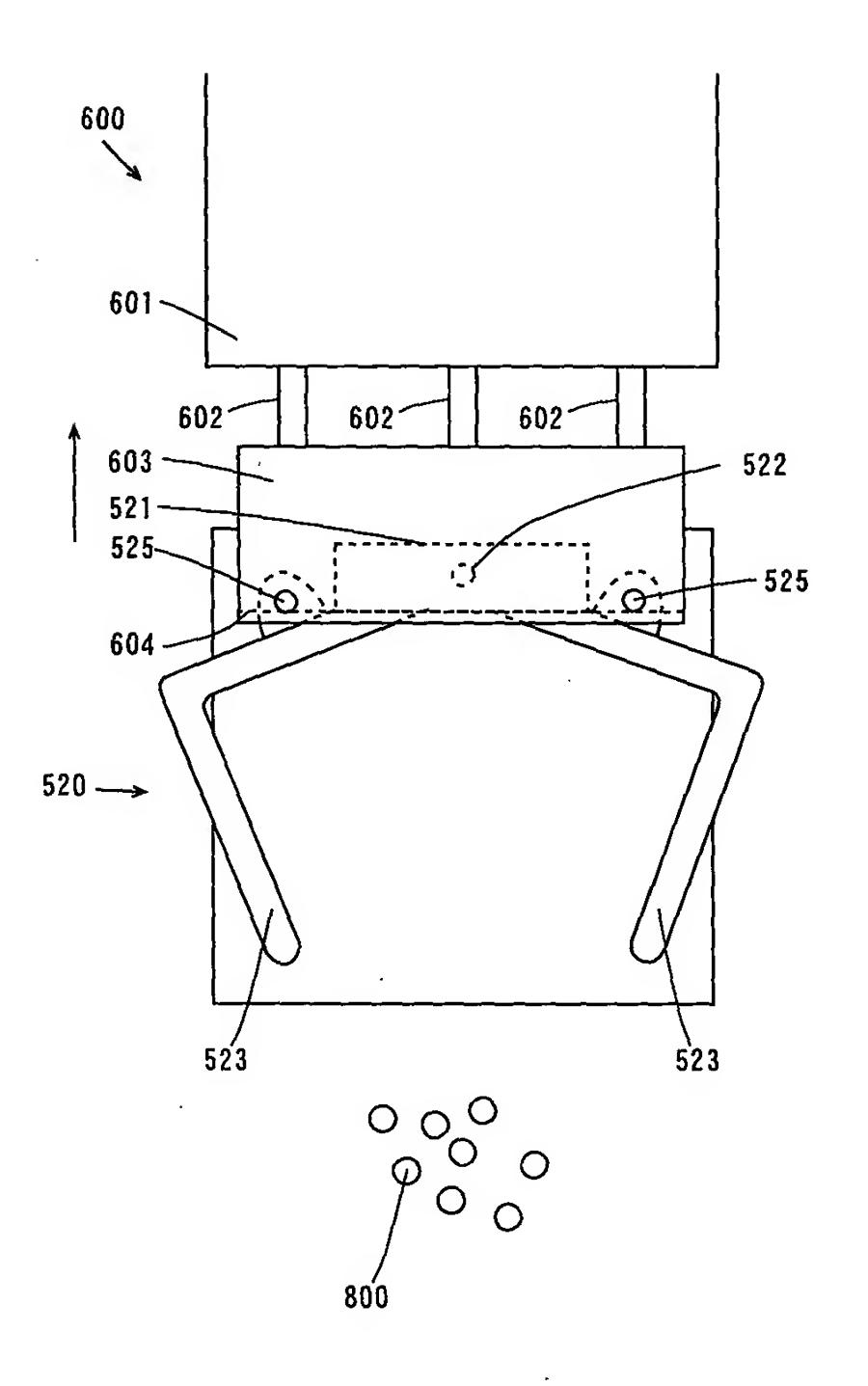
F 1 G. 4



DIRECTION CHANGING APPARATUS FOR STICKS

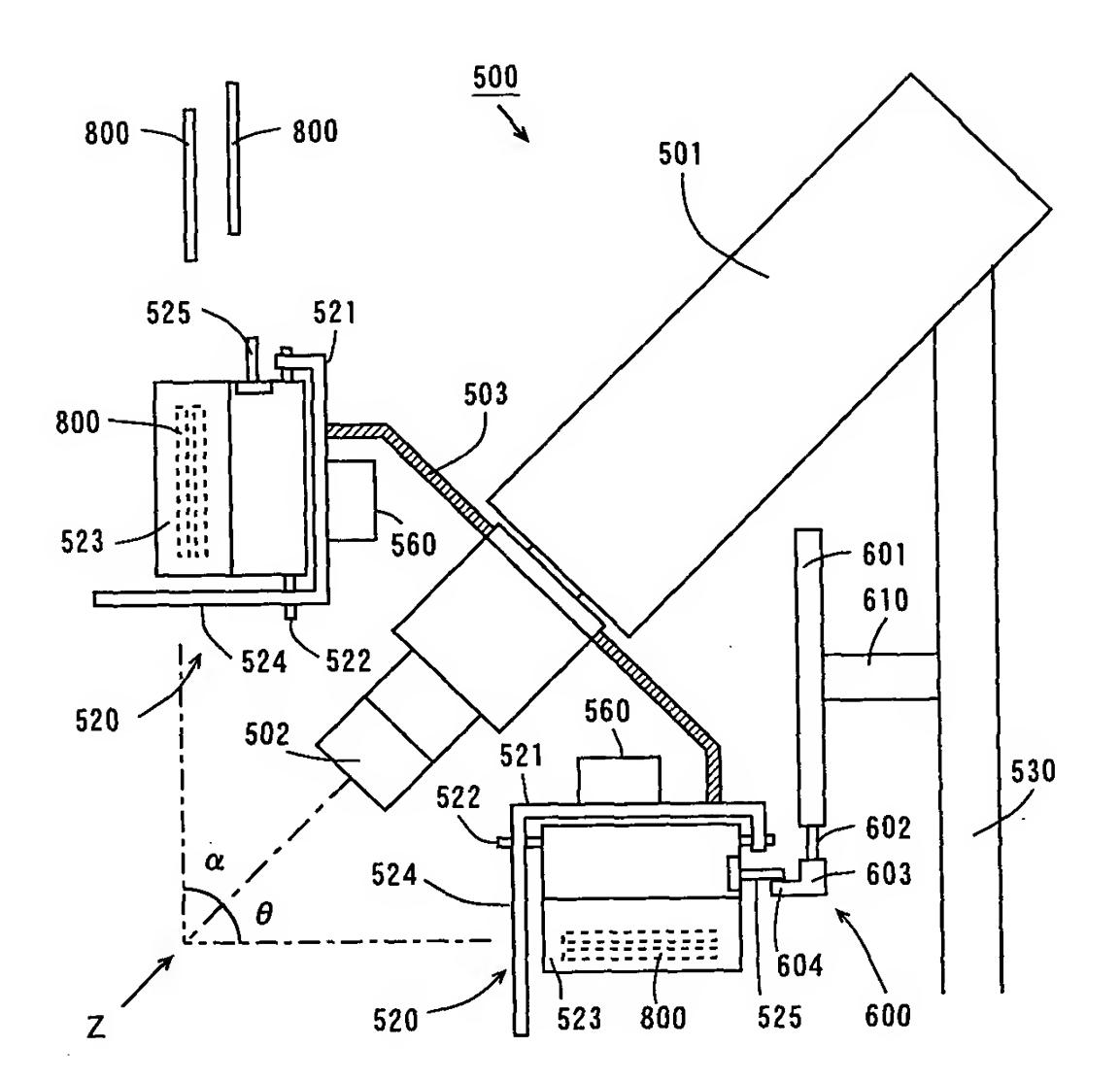
INVENTORS: Tadashi TAKIGAWA, et al.

F I G. 5



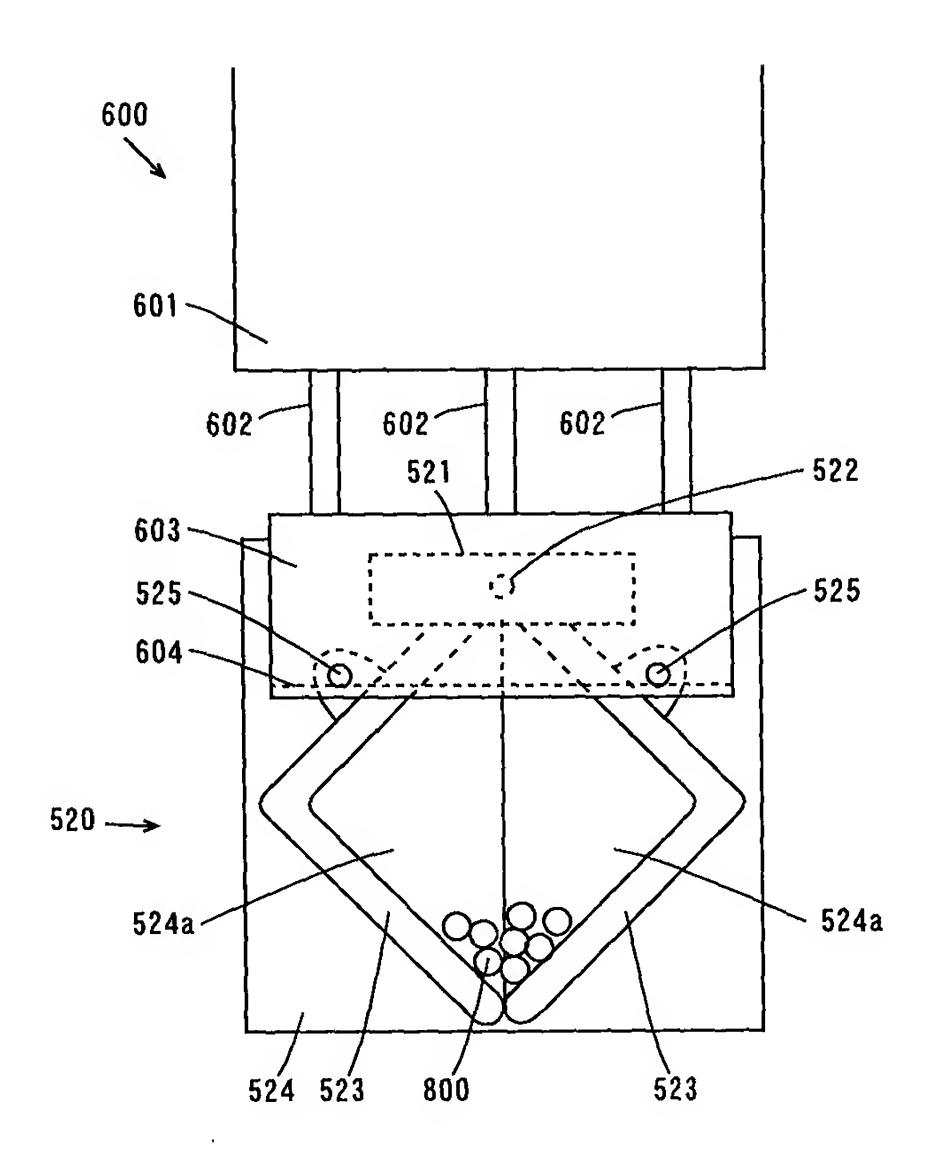
DIRECTION CHANGING APPARATUS
FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.
SERIAL NO.:
DOCKET NO.: 1745.1001

F 1 G. 6



DIRECTION CHANGING APPARATUS
FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.

F1G. 7



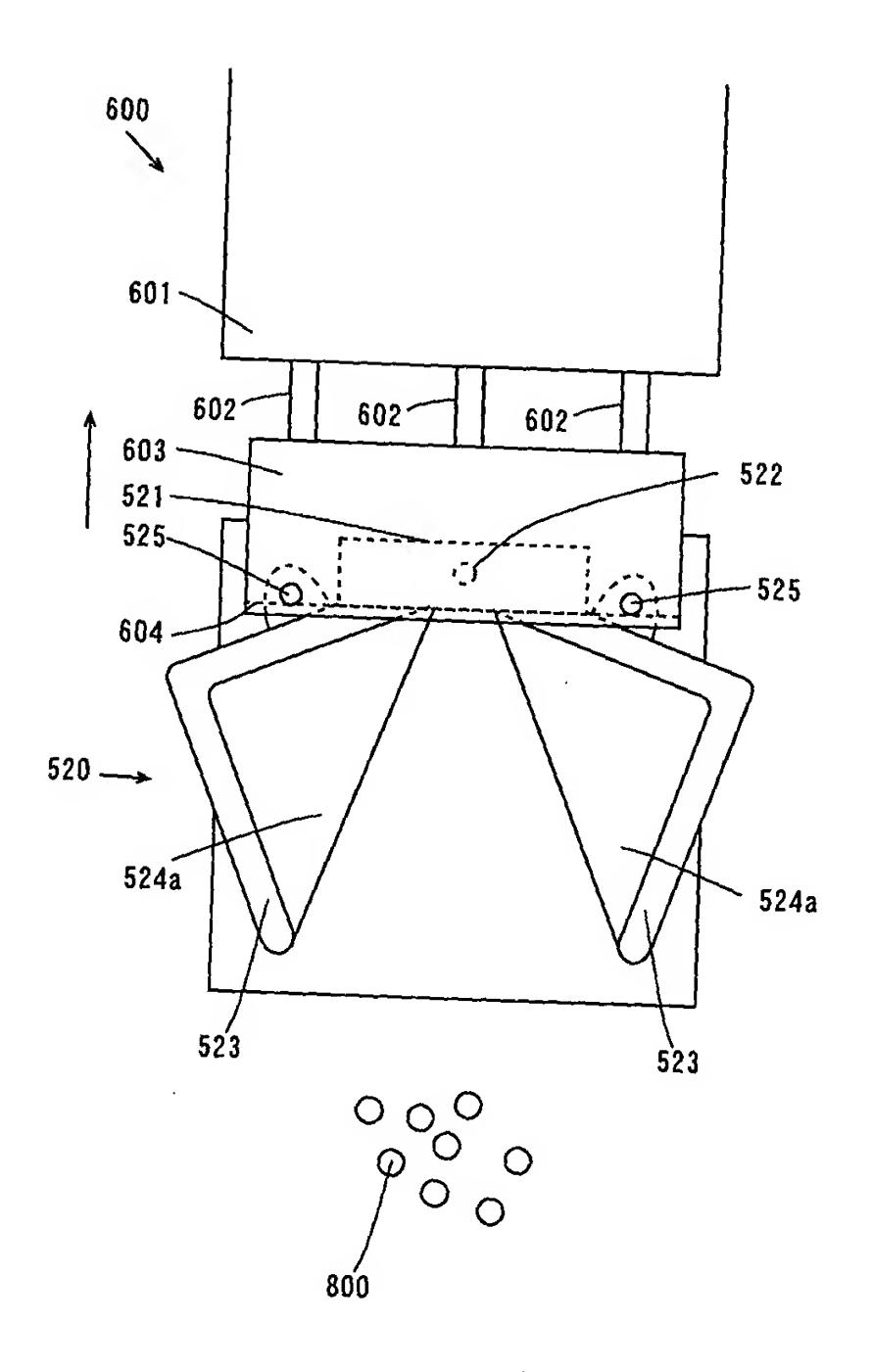
DIRECTION CHANGING APPARATUS
FOR STICKS

INVENTORS: Tadashi TAKIGAWA, et al.

SERIAL NO.:

DOCKET NO.: 1745.1001

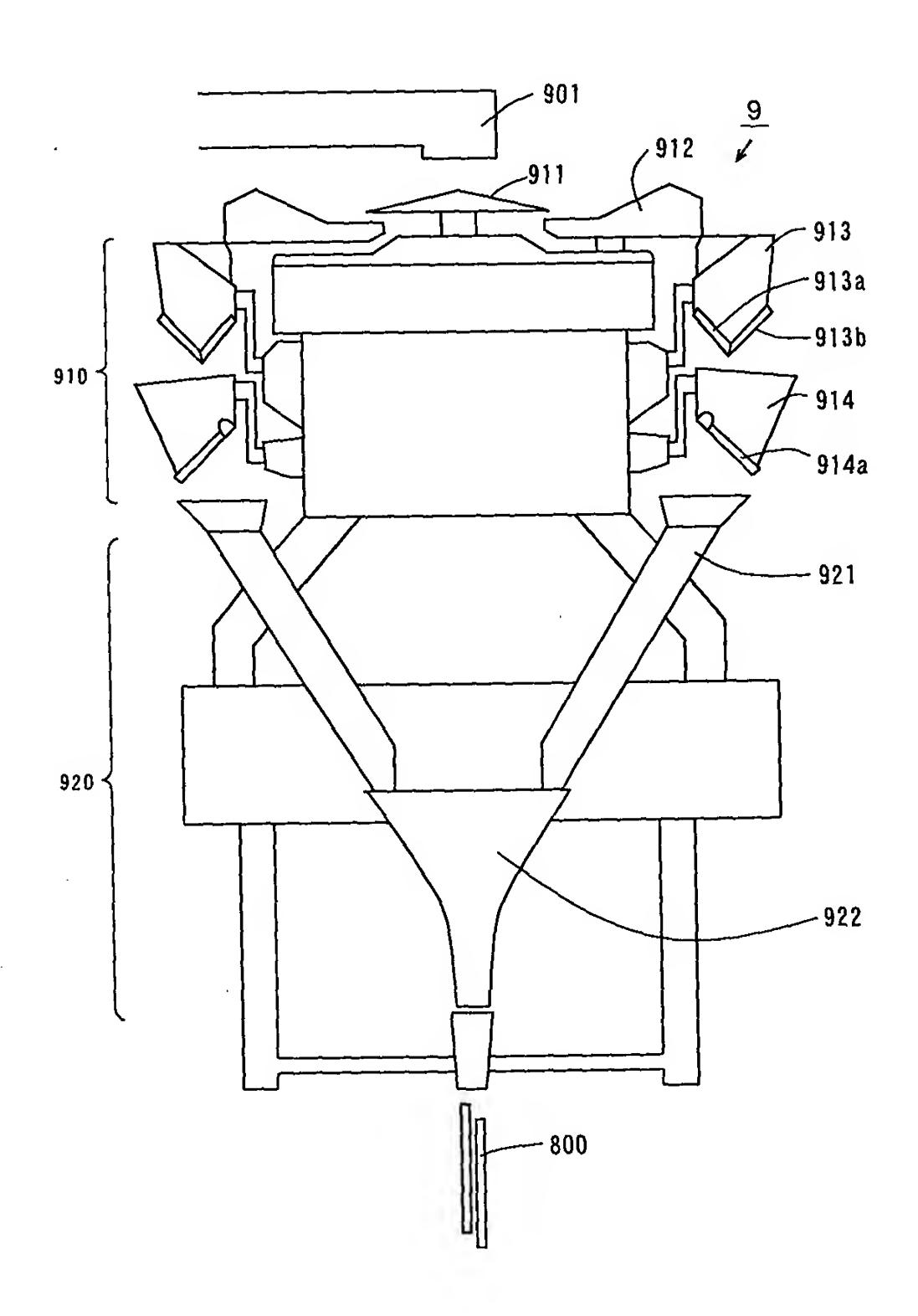
F I G. 8



TITLE. ARTICLE MOVING APPARATUS

FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.
SERIAL NO.:
DOCKET NO.: 1745.1001

FIG. 9 PRIOR ART



TITLE: ARTICLE MOVING AFFARATOS
DIRECTION CHANGING APPARATUS

FOR STICKS
INVENTORS: Tadashi TAKIGAWA, et al.

FIG. 10 PRIOR ART

